

CLAIM AMENDMENTS:

1. (Currently amended) Operation equipment for a vehicle comprising:

a display having a touch switch ~~with~~ and a touch sensor for detecting an operation of a passenger or a driver of the vehicle;

an electronic control unit; and

a driving sensor for detecting the vehicle moving or stopping,

wherein the touch sensor is disposed on a screen of the display,

~~wherein the display displays the touch switch corresponding to a predetermined function~~

is disposed on one side of the screen of the display,

wherein the electronic control unit determines that the predetermined function is allowed to perform when the driving sensor detects the vehicle stopping,

wherein the electronic control unit determines that the predetermined function is allowed to perform when ~~the touch sensor detects~~ the electronic control unit determines the operation of the passenger, and

~~wherein the electronic control unit distinguishes the operation of the passenger from the operation of the driver by detecting a capacitance between the touch switch and one of a finger and a hand~~

wherein the electronic control unit determines the operation of the passenger when the touch sensor detects a capacitance between the touch sensor and one of a finger and a hand in a case where the touch switch is disposed on a driver's side of the screen, and

wherein the electronic control unit determines the operation of the driver when the touch sensor detects a capacitance between the touch sensor and one of a finger and a hand in a case where the touch switch is disposed on a passenger's side of the screen.

2. (Currently amended) The equipment according to claim 1,  
wherein the display further includes a plurality of touch switches, which correspond to predetermined functions, respectively, and  
wherein the electronic control unit determines that part of the predetermined functions is prohibited to perform when ~~the touch sensor detects~~ the electronic control unit determines the operation of the driver and the driving sensor detects the vehicle moving.

3. (Currently amended) The equipment according to claim 2,  
wherein the touch sensor detects an approach position of a hand or a finger when the driver or the passenger moves the hand or the finger closer to the display, and  
wherein the ~~touch sensor~~ touch switch detects a touch position of a finger when the driver or the passenger touches the display.

4. (Original) The equipment according to claim 3,  
wherein the electronic control unit distinguishes the touch position from the approach position, and distinguishes the approach position of the hand from the approach position of the finger on the basis of a signal from the touch sensor.

5. (Original) The equipment according to claim 4,  
wherein the vehicle is a right hand drive vehicle, and the touch switch is disposed on a right side of the display,  
wherein the display is disposed between a passenger seat and a driver seat of the vehicle, and

wherein the electronic control unit determines the operation of the passenger when the touch sensor detects the approach position of the hand.

6. (Original) The equipment according to claim 4,  
wherein the vehicle is a left hand drive vehicle, and the touch switch is disposed on a left side of the display,  
wherein the display is disposed between a passenger seat and a driver seat, and  
wherein the electronic control unit determines the operation of the passenger when the touch sensor detects the approach position of the hand.

7. (Original) The equipment according to claim 4, further comprising:  
a plurality of panel switches disposed outside of the display,  
wherein the touch switches are disposed on a periphery of the display, and  
wherein each panel switch corresponds to another predetermined function.

8. (Original) The equipment according to claim 4,  
wherein the equipment provides a vehicle navigation system,  
wherein the electronic control unit is a navigation electronic control unit,  
wherein the driving sensor is a parking brake sensor, and  
wherein the display displays at least a map of geography around the vehicle.

9. (Original) The equipment according to claim 3,

wherein the electronic control unit distinguishes the touch position from the approach position on the basis of a signal from the touch sensor,

wherein the vehicle is a right hand drive vehicle, and the touch switch is disposed on a right side of the display,

wherein the display is disposed between a passenger seat and a driver seat of the vehicle, and

wherein the electronic control unit determines the operation of the passenger when the touch sensor detects the approach position moving from a left side to the right side of the display.

10. (Original) The equipment according to claim 3,

wherein the electronic control unit distinguishes the touch position from the approach position on the basis of a signal from the touch sensor,

wherein the vehicle is a left hand drive vehicle, and the touch switch is disposed on a left side of the display,

wherein the display is disposed between a passenger seat and a driver seat of the vehicle, and

wherein the electronic control unit determines the operation of the passenger when the touch sensor detects the approach position moving from a right side to the left side of the display.

11. (Currently amended) The equipment according to claim 3,  
wherein the electronic control unit distinguishes the touch position from the approach position on the basis of a signal from the touch sensor,  
wherein the touch sensor and the touch switch are is-capable of detecting ~~both~~ of the approach position and the touch position simultaneously, and  
wherein the electronic control unit determines the operation of the passenger when the touch sensor and the touch switch simultaneously detect[[s]] ~~both~~ of the approach position and the touch position in a case where the touch switch is disposed on a driver's side .

12. (Currently amended) The equipment according to claim 11,  
wherein the electronic control unit distinguishes the approach position of the hand from the approach position of the finger on the basis of the signal from the touch sensor, and  
wherein the electronic control unit determines the operation of the passenger when the touch sensor and the touch switch simultaneously detect[[s]] ~~both~~ of the approach position of the hand and the touch position in a case where the touch switch is disposed on the driver's side .

13. (Currently amended) The equipment according to claim 3,  
wherein the touch sensor includes a thin film and a plurality of current supplies,  
wherein the thin film is capable of forming a capacitor having a capacitance between the thin film and the hand or the finger in a case where the hand or the finger moves closer to the display or touches the display,  
wherein the current supplies supply currents to the thin film, and

wherein the touch sensor detects the approach position ~~and the touch position~~ on the basis of the capacitance of the capacitor calculated by the currents.

14. (Original) The equipment according to claim 13,  
wherein the electronic control unit distinguishes the touch position from the approach position on the basis of the currents.

15. (Original) The equipment according to claim 14,  
wherein the electronic control unit distinguishes the approach position of the hand from the approach position of the finger on the basis of the currents.

16. (Original) The equipment according to claim 3,  
wherein the touch sensor includes a plurality of photo acceptance devices and light emitting devices,  
wherein the light emitting devices emit lights in a direction perpendicular to the display, respectively, and  
wherein the touch sensor detects the hand or the finger in such a manner that the photo acceptance devices detect reflected lights reflected by the hand or the finger, respectively.

17. (Original) The equipment according to claim 16,  
wherein the electronic control unit distinguishes the touch position from the approach position on the basis of the reflected lights detected by the photo acceptance devices.

18. (Original) The equipment according to claim 17,  
wherein the electronic control unit distinguishes the approach position of the hand from  
the approach position of the finger on the basis of the reflected lights.

19. (New) Operation equipment for a vehicle comprising:  
a display having a touch switch and a touch sensor for detecting an operation of a  
passenger or a driver of the vehicle;  
an electronic control unit; and  
a driving sensor for detecting the vehicle moving or stopping,  
wherein the touch sensor is disposed on a screen of the display,  
wherein the touch switch corresponding to a predetermined function is disposed on the screen of  
the display,

wherein the electronic control unit determines that the predetermined function is  
allowed to perform when the driving sensor detects the vehicle stopping,

wherein the electronic control unit determines that the predetermined function is  
allowed to perform when the electronic control unit determines the operation of the passenger,

wherein the touch sensor detects an approach position of a hand or a finger when the  
driver or the passenger moves the hand or the finger closer to the display,

wherein the touch switch detects a touch position of a finger when the driver or the  
passenger touches the display, and

wherein the electronic control unit distinguishes the operation of the passenger from the  
operation of the driver on the basis of a positional relationship between the approach position and  
the touch position.

20. (New) The equipment according to claim 19,  
wherein the display further includes a plurality of touch switches, which correspond to predetermined functions, respectively, and  
wherein the electronic control unit determines that part of the predetermined functions is prohibited to perform when the electronic control unit determines the operation of the driver and the driving sensor detects the vehicle moving.

21. (New) The equipment according to claim 19,  
wherein the vehicle is a right hand drive vehicle, and the touch switch is disposed on a right side of the display,  
wherein the display is disposed between a passenger seat and a driver seat of the vehicle, and  
wherein the electronic control unit determines the operation of the passenger when the touch sensor detects the approach position of the hand.

22. (New) The equipment according to claim 19,  
wherein the vehicle is a left hand drive vehicle, and the touch switch is disposed on a left side of the display,  
wherein the display is disposed between a passenger seat and a driver seat, and  
wherein the electronic control unit determines the operation of the passenger when the touch sensor detects the approach position of the hand.



23. (New) The equipment according to claim 19,  
wherein the equipment provides a vehicle navigation system,  
wherein the electronic control unit is a navigation electronic control unit,  
wherein the driving sensor is a parking brake sensor, and  
wherein the display displays at least a map of geography around the vehicle.

24. (New) The equipment according to claim 19,  
wherein the electronic control unit distinguishes the touch position from the approach  
position on the basis of a signal from the touch sensor,  
wherein the touch sensor and the touch switch are capable of detecting the approach  
position and the touch position simultaneously, and  
wherein the electronic control unit determines the operation of the passenger when the  
touch sensor and the touch switch simultaneously detect the approach position and the touch  
position in a case where the touch switch is disposed on a driver's side.

25. (New) The equipment according to claim 24,  
wherein the electronic control unit distinguishes the approach position of the hand from  
the approach position of the finger on the basis of the signal from the touch sensor, and  
wherein the electronic control unit determines the operation of the passenger when the  
touch sensor and the touch switch simultaneously detect the approach position of the hand and  
the touch position in a case where the touch switch is disposed on the driver's side.